

**RF Exposure to FCC Rules and Regulations Prt 1.1307, 1.1310, 2.1091, and 2.1093**

1. **FCCID G8JHHI03**
2. **The environment will be for the General Population / Uncontrolled Category for Mobile Devices per Part 2.1091**
3. **Antenna Information**
  - a. **The antenna is a integral antenna with a numeric gain of 1.32 at 927.6 MHz**
4. **MPE Calculations**

**Limit for environment is 0.618 mW / cm<sup>2</sup>**  
**Highest Output Power is 0.211 Watts**  
**The calculated power density is based on the following equation:**

$$S = \frac{PxG}{4x\pi xd^2} \text{ where } S=\text{Power density in mW/cm}^2, P=\text{power in Watts, G= Numeric}$$

**Gain, D=Distance in cm**

$$S=0.0554 \text{ mW/ cm}^2$$

**The maximum distance from the antenna at which MPE is met is based on the following equation:**

$$D = \sqrt{PxG / 4x\pi xS}$$

**Based on the above formula, the maximum distance form the antenna at which the MPE is met will be 5.99 cm.**